

## TEMPORARY INTERCONNECT WIRING DIAGRAM

EQUIPMENT LIST "C"

### WIRING DIAGRAM KEY

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- Diagram illustrating the I-695 Inner Loop Off-Ramp Signal layout. The diagram shows the intersection of the I-695 Inner Loop and the off-ramp. Key components labeled include:
- EXISTING I/C CABLE TO CROYDON RD (pointing to the left)
  - SEE NOTE #3 AND #4 (pointing to the intersection area)
  - B, C, D (pointing to the intersection area)
  - A, B (pointing to the intersection area)
  - B, D (pointing to the intersection area)
  - D (pointing to the intersection area)
  - D (pointing to the intersection area)
  - D (pointing to the intersection area)
  - BC&E 34247 (pointing to the intersection area)
  - I-695 INNER LOOP OFF-RAMP SIGNAL (pointing to the intersection area)

## SPECIAL NOTES

1. REMOVE EXISTING OVERHEAD AND UNDERGROUND COMMUNICATION CABLE "D" FROM THE TRAFFIC SIGNAL CONTROL CABINET AT LORD BALTIMORE DRIVE TO TRAFFIC SIGNAL CONTROL CABINET AT THE I-695 INNER LOOP OFF-RAMP.
2. INSTALL AND CONNECT PROPOSED 12-PAIR COMMUNICATION CABLE "A" IN EXISTING CABINET AND DISCONNECT AND REMOVE EXISTING COMMUNICATION CABLE "D".
3. INSTALL AND CONNECT PROPOSED 12-PAIR COMMUNICATION CABLE "B" IN EXISTING CABINET AND DISCONNECT AND REMOVE EXISTING COMMUNICATION CABLE "D".
4. EXISTING COMMUNICATION CABLE "C" TO REMAIN.

## SPECIAL NOTES

1. REMOVE EXISTING OVERHEAD AND UNDERGROUND COMMUNICATION CABLE "D" FROM THE TRAFFIC SIGNAL CONTROL CABINET AT LORD BALTIMORE DRIVE TO TRAFFIC SIGNAL CONTROL CABINET AT THE I-695 INNER LOOP OFF-RAMP.
2. INSTALL AND CONNECT PROPOSED 12-PAIR COMMUNICATION CABLE "A" IN EXISTING CABINETS AND DISCONNECT AND REMOVE EXISTING COMMUNICATION CABLE "D".
3. EXISTING COMMUNICATION CABLE "C" TO REMAIN.

## ULTIMATE INTERCONNECT WIRING DIAGRAM

### WIRING DIAGRAM KEY

- A 1-12 PAIR COMMUNICATION CABLE (19 AWG), JELLYFILLED (UNDERGROUND)  
B 2-500 FT. LEAD-IN CABLES FOR NON-INVASIVE PROBES  
C EXISTING 12-PAIR COMMUNICATION CABLE (TO REMAIN)  
D EXISTING 12-PAIR COMMUNICATION CABLE (TO BE REMOVED)

SEE NOTE #2 AND #3

A, B, C, D

BC&E 342477

EXISTING I/C CABLE TO CROYDON RD

I-695 INNER LOOP OFF-RAMP SIGNAL

NON-INVASIVE MICROLOOP PROBES

EQUIPMENT

A 1-12 PAIR L  
B 2-500 FT. L  
C EXISTING 12  
D EXISTING 12

EQUIPMENT LIST "B"

B.EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR			
CATEGORY CODE	DESCRIPTION	UNIT	QUANTITY
800000	REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	1
802145	ADJUST EXISTING HANDHOLE	EA	1
805115	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED	LF	35
805135	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	965
810601	NONINVASIVE DETECTOR, 500 FOOT LEAD IN CABLE	EA	2
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	6
822002	12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)	LF	1255

## EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND RETURNED TO SHA.  
NONE

### GEOMETRIC LEGEND

                     EXISTING  
                     PROPOSED

### UTILITY LEGEND

—SD—SD—	STORM DRAIN
—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES
—F—F—	FIBER-OPTIC
—TCW—	INTERCONNECT

BY: BJG

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
REPLACEMENT OF BRIDGE NO. 03139  
ON I-695 OVER MD 26

## INTERCONNECT PLAN

SCALE NONE DATE SEPTEMBER 2009 CONTRACT NO. BA4625168

DESIGNED BY B/J COUNTY BALTIMORE  
DRAWN BY B/J LOGMILE 03002608.27 TO 03002608.51  
CHECKED BY BLB T.I.M.S. NO. J927  
F.A.P. NO. SEE TITLE SHEET TOD NO. \_\_\_\_\_

TS NO. 4379 IC	DRAWING IC-3 OF 3	SHEET NO. 203 OF 25
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**RKK**

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